

Title (en)

COMPOSITE VITAMIN COMPOSITION PROMOTING GASTROINTESTINAL SYSTEM MOTILITY

Title (de)

VITAMINZUSAMMENSETZUNG ZUR FÖRDERUNG DER MAGEN-DARM-MOTILITÄT

Title (fr)

COMPOSÉ MULTIVITAMINÉ STIMULANT L'APPAREIL DIGESTIF

Publication

**EP 3545960 A1 20191002 (EN)**

Application

**EP 17873082 A 20171103**

Priority

- CN 201611036830 A 20161123
- CN 2017109280 W 20171103

Abstract (en)

Disclosed are composite compositions of B vitamins and C vitamins and the use of same in the preparation of a drug or health food for treating and/or preventing gastrointestinal conditions diseases related to deficiency of the gastrointestinal system motility. The composition comprises a vitamin B composition or an analogue or a derivative thereof and a vitamin C or an analogue or a derivative thereof.

IPC 8 full level

**A61K 31/714** (2006.01); **A61K 31/14** (2006.01); **A61K 31/197** (2006.01); **A61K 31/375** (2006.01); **A61K 31/4188** (2006.01);  
**A61K 31/4415** (2006.01); **A61K 31/455** (2006.01); **A61K 31/51** (2006.01); **A61K 31/519** (2006.01); **A61K 31/525** (2006.01); **A61P 1/14** (2006.01)

CPC (source: CN EP US)

**A61K 31/047** (2013.01 - EP); **A61K 31/14** (2013.01 - CN EP US); **A61K 31/192** (2013.01 - US); **A61K 31/197** (2013.01 - CN EP US);  
**A61K 31/375** (2013.01 - CN EP US); **A61K 31/4188** (2013.01 - CN EP US); **A61K 31/4415** (2013.01 - CN EP US);  
**A61K 31/455** (2013.01 - CN EP US); **A61K 31/51** (2013.01 - CN EP US); **A61K 31/519** (2013.01 - CN EP US);  
**A61K 31/525** (2013.01 - CN EP US); **A61K 31/7004** (2013.01 - US); **A61K 31/714** (2013.01 - CN EP US); **A61P 1/14** (2018.01 - EP US)

C-Set (source: CN EP)

CN

1. **A61K 31/714 + A61K 2300/00**
2. **A61K 31/51 + A61K 2300/00**
3. **A61K 31/525 + A61K 2300/00**
4. **A61K 31/4415 + A61K 2300/00**
5. **A61K 31/455 + A61K 2300/00**
6. **A61K 31/197 + A61K 2300/00**
7. **A61K 31/519 + A61K 2300/00**
8. **A61K 31/4188 + A61K 2300/00**
9. **A61K 31/375 + A61K 2300/00**
10. **A61K 31/14 + A61K 2300/00**

EP

1. **A61K 31/375 + A61K 2300/00**
2. **A61K 31/51 + A61K 2300/00**
3. **A61K 31/525 + A61K 2300/00**
4. **A61K 31/455 + A61K 2300/00**
5. **A61K 31/197 + A61K 2300/00**
6. **A61K 31/4415 + A61K 2300/00**
7. **A61K 31/4188 + A61K 2300/00**
8. **A61K 31/519 + A61K 2300/00**
9. **A61K 31/714 + A61K 2300/00**
10. **A61K 31/14 + A61K 2300/00**
11. **A61K 31/047 + A61K 2300/00**

Cited by

EP3811947A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3545960 A1 20191002; EP 3545960 A4 20200701**; AU 2017364583 A1 20190606; AU 2017364583 B2 20230316;  
AU 2023203550 A1 20230706; BR 112019010564 A2 20190910; CA 3043648 A1 20180531; CN 108079008 A 20180529;  
CN 110022882 A 20190716; JP 2020503373 A 20200130; US 11351171 B2 20220607; US 11759463 B2 20230919;  
US 2019269685 A1 20190905; US 2022105095 A1 20220407; US 2024216374 A1 20240704; WO 2018095209 A1 20180531

DOCDB simple family (application)

**EP 17873082 A 20171103**; AU 2017364583 A 20171103; AU 2023203550 A 20230607; BR 112019010564 A 20171103;  
CA 3043648 A 20171103; CN 201611036830 A 20161123; CN 2017109280 W 20171103; CN 201780072139 A 20171103;  
JP 2019547749 A 20171103; US 201716462510 A 20171103; US 202117353558 A 20210621; US 202318362656 A 20230731